built into it. Said intermediate amplifiers 16 receive their energy via remote feeder reactance coils 18 of the inventive design which are grounded via a capacitor. The energy output via said remote feeder reactance coils 18 is input to the transmission section 10 (which - concerning energy supply - is separated from the adjacent transmission sections by capacitances 22) via a remote feeder reactance coil 20 for energy input which is likewise of the inventive design and is also grounded via a capacitor.

Page 6, replace the paragraph beginning on line 16 with the following:

Fig. 4 shows a remote feeder reactance coil 200 of a second embodiment. Since the remote feeder reactance coils 100, 200 of the first and second embodiments are identical in essential design features, design elements of the remote feeder reactance coil 200 of the second embodiment which are identical to those of the remote feeder reactance coil 100 of the first embodiment are marked with basically the same reference numerals as those of the first embodiment, but increased by 100. In this respect, reference is also made to those parts of the description which concern the remote feeder reactance coil 100 of the first embodiment. In particular, reference sign 204 designates a tubular body, 206 designates a core, and 208 designates a terminal.

Page 6, replace the paragraph beginning on line 28 with the following:

The individual turns 210 of the primary winding 202 of the remote feeder

reactance coil 200, which are electrically separated and insulated from each other by means of a varnish coating on the wire material of the primary winding 202, extend in direct and close contact on each other in a first area 222 and a second area 224, while they are spaced from each other in a third area 226 which extends between said first and second areas. Said secondary winding 212 which also includes an ohmic resistor 216 to give an attenuation circuit 218, has turns 214 which, viewed in the radial direction of the remote feeder reactance coil 200, extend on the external surface of the turns 210 in the first area 222. Said turns 214 contact each other through their varnish coatings. In the remote feeder reactance coil 200 of the second embodiment, the terminal 220 of the primary winding 202 and the terminal of the secondary winding 212 are electrically interconnected.

IN THE CLAIMS

Please amend the following claims:

2. (Amended) The remote feeder reactance coil of claim 1 characterized in that said primary and said secondary windings (102; 112; 202; 212) have substantially parallel winding axes.

11. (Amended) The remote feeder reactance coil of claim 1 characterized in that said primary winding (102; 202) is spirally wound up onto a tubular body